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**CLUSTER ONE MODEL A**

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MODEL NUMBER	DESCRIPTION	U.S. SUGGESTED RETAIL
<b>DISK PRODUCTS</b>		
<b>A-2001</b>	<b>Floppy Disk Subsystem.</b> Dual double-sided 8" flexible diskette drives; 1.26 MB total formatted capacity. Includes cable and controller card for Apple II. Can be used as minimum system storage device and can also be used as back-up with Hard Disk configurations. Specify voltage.	\$3595.
<b>A-2002</b>	<b>Hard Disk 16.5 MB Subsystem.</b> 14" Winchester-technology non-removable hard disk. Includes cable and controller card for Apple II. 16.5 Mbyte total formatted capacity. Specify voltage.	\$7995.
<b>A-2003</b>	<b>Hard Disk 33 MB Subsystem.</b> Specifications same as A-2002 above, but total formatted capacity 33 Mbytes. Specify voltage.	\$9995.
<b>SUPPORT PRODUCTS</b>		
<b>A-2101</b>	<b>Clock/Calendar Card.</b> Quartz controlled, Battery back-up (4 weeks duration). Provides day of week, date (day, month, year), and time (hour, minute, second). Includes software support for network usage at user stations and by the File Server (A-2801). Software is packaged with A-2801.	\$ 495.
<b>TAPE PRODUCTS</b>		
<b>A-2401</b>	<b>Cartridge Tape Drive.</b> For use as a back-up to Nestar hard disks A-2002, A-2003. Read/writes 1000 bytes per inch, 30,000 bytes per second, with 20MB per cartridge. Includes drive, cable, one 1/4", 450 ft. tape cartridge and interface to Network File Server station, including licensed program (product number A-2804) which is a set of utilities for full and incremental dump/restore.	\$4275.

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### NETWORK INTERFACE PRODUCTS

- A-2701 Network Interface Card.** For Apple II computers. One required for each user station. Transmits data to other Apples on the same network at approx. 240,000 bps. All transmissions are data-checked. Requires 16-wire cable, not included. (See section on Network Cable Products.) Up to 65 cards per network. \$ 395.
- A-2702 Network File Server Interface Card.** Same specifications as A-2701 but with Pull-up resistors and A-2801 support ROM. Used to connect Network File Server Apple to the network. Station address of \$FE. \$ 405.
- A-2703 Network File Server Interface Card.** Same specifications as A-2702 but without Pull-up resistors. Used for Second or subsequent File Servers on same network. \$ 405.
- A-2704 Network Interface Card.** Same specifications as A-2701 but with Pull-up resistors. Used for network **without** a File Server. \$ 395.

### PROGRAM PRODUCTS

- A-2801 Network File Server Program, Version 1.1** Network file management system manages up to 2 of any combination A-2002 or A-2003 plus one A-2001. Requires 64K Apple II. Supports user stations running DOS (3.2.1 or 3.3) and Pascal 1.1. Licensed for use only with a single designated (by serial number) A-2702 or A-2703. \$1995.\*
- A-2802 "THE MESSENGER."** Electronic Mail application program. Requires user stations to be 64K Apple II and A-2701. \$2250.\*
- A-2803 Network Printer Server Program, Version 1.1** Provides spooling and print services for all stations. Requires 64K Apple II and one A-2701 \$ 195.\*

\*one-time license fee.

### SUPPLIES

- S-2401 1/4", 450 ft. tape cartridge** Tape is fully tested and certified for use with the A-2401 tape drive. \$ 250.
- S-2001 8" floppy diskettes** for use with A-2001. Supports single-density, double-sided drives. Prices per diskette. \$ 8.

**MODEL  
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Network cabling is available in two **standard** lengths or in custom lengths, with appropriate connectors. Round shielded cable or three types of 16-wire flat ribbon cable are available: (1) standard, (2) heavy-duty, jacketed, and (3) ground plane.

**STANDARD LENGTH CABLES**

<b>A-2902 Network Cable.</b> 2 meter (6.5 ft.), 16-wire flat cable with 2 female IDC-16 connectors.	\$18.
<b>A-2905 Network Cable</b> 5 meter (16.3 ft.), 16-wire flat cable with 2 female IDC-16 connectors.	\$25.

**CUSTOM LENGTH CABLES (Specify length in meters or feet.)**

<b>A-2910 Gray 16-wire flat cable</b> with IDC-16 female connectors on each end. Plugs into A-270X Network Interface Cards.	\$16. plus .75/ft.
<b>A-2911 Gray 16-wire flat cable</b> with heavy duty black protective sheath and IDC-16 female connectors on each end. Plugs into A-270X Network Interface Cards.	\$16. plus 3.00/ft.
<b>A-2912 Gray 16-wire flat cable with ground plane</b> with IDC-16 female connectors on each end. Plugs into A-270X Network Interface Cards. For use in high electrical noise environments.	\$16. plus 3.00/ft.
<b>A-2913 Black jacketed 15-wire round shielded cable</b> with DB-15 male connector on one end and DB-15 female connector on other end. Plugs into the A-2914. For maximum radiation shielding.	\$48. plus 1.80/ft.
<b>A-2914 Round cable to flat cable interface</b> with DB-15 male connector on one end, DB-15 female connector on other end, and IDC-16 male connector in the middle. Used for interfacing round cable bus to flat drops.	\$45.

**CABLE COMPONENTS**

<b>A-2920 Gray 16-wire flat ribbon.</b>	\$ .75/ft.
<b>A-2921 Gray 16-wire flat ribbon with heavy-duty black protective sheath.</b>	\$3.00/ft.
<b>A-2922 Gray 16-wire flat ribbon with ground plane.</b>	\$3.00/ft.
<b>A-2923 Black jacketed 15-wire round shielded cable.</b>	\$1.80/ft.
<b>A-2924 IDC-16 male insulation displacement connector</b> for custom fabrication of network cabling.	\$8. each
<b>A-2925 IDC-16 female insulation displacement connector</b> for custom fabrication of network cabling.	\$8. each
<b>A-2926 DB-15 male insulation displacement connector</b> for custom fabrication of network cabling.	\$20. each
<b>A-2927 DB-15 female insulation displacement connector</b> for custom fabrication of network cabling.	\$20.

# NESTAR SALES LITERATURE

Publication Number	Publication	U.S. SUGGESTED RETAIL
G120-0100-0	NESTAR Company-Product Brochure	*
G120-0103-0	"Your Apple Works" Brochure with reply card	*
GA20-0101-0	Cluster/One Model A Data Sheet	*
GA20-0102-0	Nestar Cartridge Tape Drive Data Sheet	*
G120-0102-1	Cluster/One Model A Retail Price List	*
G500-1000-0	Cluster/One Model A Ad Reprint: "Enjoy Local Networking"	*
G500-1001-0	COMPCON 1981 Reprint Cluster/One Model A Technical Overview	*
G500-1002-0	Electronics Magazine Reprint, June 1981	*
SV20-1000-0	Nestar Slide Presentation Entitled: "Why Microcomputer Networks?"	\$240.00
S100-0100-0	NESTAR Display Poster: "Local Networking with a Difference"	\$ 15.00

\*No charge for single quantities.

S120-1000-0	NESTAR Logo 3-Ring Binder (holds 2 manuals)	\$ 9.00
LC20-0102-0*	Cluster/One Model A Network File Server, Version 1.1 System Manager's Manual (Licensed Publication)	\$ 25.00
LC20-0101-0*	Cluster/One Model A Network File Server, Version 1.1 User Manual (Licensed Publication)	\$ 25.00
GA20-0103-0	Cluster/One Model A Cartridge Tape Drive System Manager's Guide	\$ 9.00
GH20-0100-0	THE MESSENGER System Manager's and User's Guide	\$ 21.00
GC20-0103-0	Cluster/One Model A Network Printer Server System Manager's Guide	\$ 15.00
GX20-0102-0	Cluster/One Model A System Manager's Reference Card	\$ 1.50
GX20-0101-0	Cluster/One Model A User's Reference Card	\$ 1.50

\*Licensed Publications require a signed Software License Agreement before delivery.

Cluster/One Model A is a trademark of Nestar Systems Incorporated.  
Apple II is a trademark of Apple Computer Corporation.

Prices are subject to change without notice.

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